

THE COMMISSIONER OF PATENTS AND TRADEMARKS, Washington, D.C. 20231

Enclosed for filing is the patent application of Inventor(s):
HARM J. W. BELT, CORNELIS P. JANSE

For: AUDIO PROCESSING ARRANGEMENT WITH MULTIPLE SOURCES

ENCLOSED ARE:

- [X] Appointment of Associates;
 [X] Information Disclosure Statement, Form PTO-1449 and copies of documents listed therein;
 [X] Preliminary Amendment;
 [X] Specification (17 Pages of Specification, Claims, & Abstract);
 [X] Declaration and Power of Attorney:
 (1 Pages of a [] fully executed [X] unsigned Declaration);
 [X] Drawing (9 sheets of [] informal [X] formal sheets);
 [] Certified copy of application Serial No. ;
 [X] Authorization Pursuant to 37 CFR §1.136(a)(3)
 [] Other: **CITATION OF RELATED CASES.**
 [] Assignment to

FEE COMPUTATION

| CLAIMS AS FILED | | | | |
|-----------------------------------|--------------|--------------|----------|-------------------------|
| FOR | NUMBER FILED | NUMBER EXTRA | RATE | BASIC FEE - \$760.00 |
| Total Claims | 10 - 20 = | 0 | X \$18 = | 0.00 |
| Independent Claims | 3 - 3 = | 1 | X \$78 = | 0.00 |
| Multiple Dependent Claims, if any | | | \$260 = | 0.00 |
| TOTAL FILING FEE | | | | = \$760.00 |

Please charge Deposit Account No. 14-1270 in the amount of the total filing fee indicated above, plus any deficiencies. The Commissioner is also hereby authorized to charge any other fees which may be required, except the issue fee, or credit any overpayment to Account No. 14-1270.

[] Amend the specification by inserting before the first line as a centered heading --Cross Reference to Related Applications--; and insert below that as a new paragraph --This is a continuation-in-part of application Serial No. , filed , which is herein incorporated by reference--.

CERTIFICATE OF EXPRESS MAILING

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 Date of Deposit May 14, 1999
 I hereby certify that this paper and/or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Natale A. Manzo
 Typed Name

Natale A. Manzo
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jc594 U.S. PTO

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05/11/99

05/11/99

jc564 U.S. PTO

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Atty. Docket

HARM J. E. BELT ET AL.

PHN 16,638V

Serial No.

Group Art Unit

Filed: CONCURRENTLY

Ex.

AUDIO PROCESSING ARRANGEMENT WITH MULTIPLE SOURCES

Honorable Commissioner of Patents and Trademarks
Washington, D.C. 20231



AUTHORIZATION PURSUANT TO 37 CFR §1.136(a)(3)
AND TO CHARGE DEPOSIT ACCOUNT

Sir:

The Commissioner is hereby requested and authorized to treat any concurrent or future reply in this application requiring a petition for extension of time for its timely submission, as incorporating a petition for extension of time for the appropriate length of time.

Please charge any additional fees which may now or in the future be required in this application, including extension of time fees, but excluding the issue fee unless explicitly requested to do so, and credit any overpayment, to Deposit Account No. 14-1270.

Respectfully submitted,

By Dicran Halajian
Dicran Halajian, Reg. 39,703
Attorney
(914) 333-9607

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

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HARM J. W. BELT ET AL.

PHN 16,638V

Serial No.

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Filed: CONCURRENTLY

Ex.

AUDIO PROCESSING ARRANGEMENT WITH MULTIPLE SOURCES

Honorable Commissioner of Patents and Trademarks
Washington, D.C. 20231

CITATION OF RELATED CASES

Sir:

Attached is a report which was made by the assignee of the above-identified patent application.

The United States patent applications and issued patents identified in this report may be relevant to the examination of the above-identified patent application inasmuch as they have been identified by an automated search of the assignee's patent portfolio files as having common inventors with and/or subject matter which is classified by the assignee in the same technological field as the above-identified patent application. However, citation of this report is neither an admission that any document noted therein is prior art to the above-identified patent application nor a waiver of the confidential status of any listed patent application under 35 U.S.C. 122.

Respectfully submitted,

By Dicran Halajian
Dicran Halajian, Reg. 39,703
Attorney
(914) 333-9607

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B.D.
8/22/99
jc594 U.S. PTO
09/310086
05/11/99

BELT, HARM J.
JANSE, CORNELIS P.

Docket No.: PHN 16638

Patent No.:

OS Codes : BN 0500

CM 2361

Title : AUDIO PROCESSING ARRANGEMENT WITH MULTIPLE

Attorney: HALAJIAN
Serial No.: 09/196064

Common Inventors

DRIESSEN, LEONARDUS M.
JANSE, CORNELIS P.
LAHAIJE, PAUL D.

Docket No.: PHN 11911

Patent No.: 4888698

OS Codes : VD 3000

Title : METHOD FOR STORING A PARCELWISE DIVIDED DIGITAL
AS WELL AS OF ADDRESSING A DATA PARCEL IN A MASS

Attorney: BARSCHALL
Serial No.: ___/110303

DRIESSEN, LEONARDUS M.
JANSE, CORNELIS P.

Docket No.: PHN 12197

Patent No.: 4954986

OS Codes : VD 3000

Title : METHOD AND APPARATUS FOR STORING DIGITAL DATA
TOPOLOGICAL NETWORK.

Attorney: SLOBOD
Serial No.: ___/224087

JANSE, CORNELIS P.
DRIESSEN, LEONARDUS M.

Docket No.: PHN 13456

Patent No.: 5754846

OS Codes : VD 3000

Title : METHOD OF STORING A TOPOLOGICAL NETWORK, AND
APPARATUS FOR IDENTIFYING SERIES OF 1-CELLS IN A

Attorney: BARSCHALL
Serial No.: 07/769613

JANSE, CORNELIS P.
VAN DE LAAR, FRANCISCUS

Docket No.: PHN 13543

Patent No.: 5390250

OS Codes : CM 1523

Title : ECHO CANCELLER WITH IMPROVED DOUBLETALK

Attorney: SLOBOD
Serial No.: 07/810776

JANSE, CORNELIS P.
MEIJER, JOHANNES M.

Docket No.: PHN 14032

Patent No.: 5404397

OS Codes : CS S300

Title : CONFERENCE SYSTEM WITH AUTOMATIC SPEAKER
SPEAKER UNIT.

Attorney: BALCONILAMICA
Serial No.: 08/041802

JANSE, CORNELIS P.

Docket No.: PHN 14673

Patent No.: 5610991

OS Codes : CM 2361

Title : A NOISE REDUCTION SYSTEM AND DEVICE, AND A MOBILE
STATION.

Attorney: SLOBOD
Serial No.: 08/350357

JANSE, CORNELIS P.
TIMMERMANS, PATRICK A.

Docket No.: PHN 14812 Attorney: HALAJIAN
Patent No.: Serial No.: 08/416277
OS Codes : CM 2361 AE 0900
Title : SIGNAL AMPLIFIER SYSTEM WITH IMPROVED ECHO

JANSE, CORNELIS P.
TIMMERMANS, PATRICK A.

Docket No.: PHN 14812A Attorney: HALAJIAN
Patent No.: Serial No.: 08/728574
OS Codes : CM 2361 AE 0900
Title : SIGNAL AMPLIFIER SYSTEM WITH IMPROVED ECHO

JANSE, CORNELIS P.
TIMMERMANS, PATRICK A.

Docket No.: PHN 14812B Attorney: HALAJIAN
Patent No.: 5748751 Serial No.: 08/822958
OS Codes : CM 2361 AE 0900
Title : SIGNAL AMPLIFIER SYSTEM WITH IMPROVED ECHO

JANSE, CORNELIS P.
TIMMERMANS, PATRICK A.

Docket No.: PHN 15249 Attorney: BIREN
Patent No.: 5768398 Serial No.: 08/626531
OS Codes : CS S300
Title : SIGNAL AMPLIFICATION SYSTEM WITH AUTOMATIC

CASTELLO DA COSTA, P.
JANSE, CORNELIS P.
TIMMERMANS, PATRICK A.

Docket No.: PHN 15627 Attorney: GOODMAN
Patent No.: 5740256 Serial No.: 08/762682
OS Codes : CM 1511 CM 2361
Title : AN ADAPTIVE NOISE CANCELLING ARRANGEMENT, A NOISE
SYSTEM AND A TRANSCEIVER.

JANSE, CORNELIS P.

Docket No.: PHN 15835 Attorney: SLOBOD
Patent No.: Serial No.: 08/862021
OS Codes : CM 1523 CM 2361
Title : ARRANGEMENT FOR SUPPRESSING AN INTERFERING
INPUT SIGNAL.

Related Technology

VAN DE PLASSCHE, RUDY J

Docket No.: PHA 01137 Attorney: MEETIN
Patent No.: Serial No.: __/809453
OS Codes : TV 1000 CM 2361
Title : COMPLEMENTARY VOLTAGE INTERPOLATION CIRCUIT.

VAN DE PLASSCHE, RUDY J

Docket No.: PHA 01137A Attorney: MEETIN
Patent No.: 4831379 Serial No.: __/096793
OS Codes : TV 1000 CM 2361
Title : COMPLEMENTARY VOLTAGE INTERPOLATION CIRCUIT.

VAN DE PLASSCHE, RUDY J
BALTUS, PETER G.

Docket No.: PHA 01137V
Patent No.: 4897656
OS Codes : TV 1000 CM 2361
Title : COMPLEMENTARY VOLTAGE INTERPOLATION CIRCUIT WITH
TRANSMISSION DELAY COMPENSATION.

Attorney: WIEGHAUS
Serial No.: 07/127867

KAMGAR, FARBOD
MOTAMED, MARIAM
ROUPHAEL, ANTOINE J.

Docket No.: PHA 01322
Patent No.:
OS Codes : CM 2361
Title : APPARATUS AND METHOD FOR CODE TRACKING IN AN
SPECTRUM COMMUNICATIONS SYSTEM.

Attorney: WIEGHAUS
Serial No.: 08/996668

COOPER, JEFFREY L.
JOHNSON, BRIAN C.

Docket No.: PHA 21164
Patent No.: 4542407
OS Codes : BN 0500
Title : METHOD AND APPARATUS FOR SCRAMBLING AND
ION PROGRAMS.

Attorney: MARION
Serial No.: ___/503208

HATCH, DOUGLAS J.
COX, JEFFREY L.

Docket No.: PHA 21201
Patent No.: 4629999
OS Codes : BN 0500
Title : PHASED-LOCKED LOOP CAPABLE OF GENERATING A
STABLE FREQUENCY SIGNALS.

Attorney: MEETIN
Serial No.: ___/565956

KOO, DAVID

Docket No.: PHA 21664
Patent No.: 5111298
OS Codes : BN 0500
Title : METHOD AND APPARATUS FOR COMMUNICATION CHANNEL
AND SIGNAL RESTORATION.

Attorney: MARION
Serial No.: 07/693737

KOO, DAVID

Docket No.: PHA 21664A
Patent No.: 5172232
OS Codes : BN 0500
Title : METHOD AND APPARATUS FOR COMMUNICATION CHANNEL
AND SIGNAL RESTORATION.

Attorney: MARION
Serial No.: 07/820437

GUAN, ZHI-YUAN

Docket No.: PHA 21846
Patent No.: 5440347
OS Codes : BN 0500
Title : METHOD AND APPARATUS FOR RANDOMIZING TRAINING
MINIMIZE INTERFERENCE IN DIGITAL TRANSMISSIONS.

Attorney: MARION
Serial No.: 08/136425

GURVSAMI, ARAVANAN
HEYMAN, GARY R.
BABU, KIRAN

Docket No.: PHA 23192
Patent No.:
OS Codes : BN 0500
Title : A METHOD AND APPARATUS FOR IMPROVED COMMUNICATION
TV TELEPHONY AND DATA TRANSPORT.

Attorney: THORNE
Serial No.: 08/759667

HARI, THIRUMOORTHY
WITTIG, KARL R.
HULYALKAR, SAMIR N.

Docket No.: PHA 23263
Patent No.:
OS Codes : BN 0500
Title : A HARDWARE-OPTIMIZED REED-SOLOMON DECODER FOR BLOCKS.

Attorney: THORNE
Serial No.: 08/902049

ROUPHAEL, ANTOINE

Docket No.: PHA 23379
Patent No.:
OS Codes : CM 2361 CM 2351
Title : SIGN-CROSS-PRODUCT AUTOMATIC FREQUENCY CONTROL

Attorney: WIEGHAUS
Serial No.: 09/045354

MOHINDRA, RISHI

Docket No.: PHA 23554
Patent No.:
OS Codes : 12 04AD CM 2361
Title : PULSE DENSITY MODULATION BASED DIGITAL-TO-ANALOG

Attorney: WIEGHAUS
Serial No.: 09/205975

DOURLAIN, WILLIAM

Docket No.: PHA 23560
Patent No.:
OS Codes : BN 0500
Title : EXPANDED INPUT VOLTAGE RANGE FOR SWITCH-MODE BROADBAND NETWORK.

Attorney: BELK
Serial No.: 09/207723

ROUPHAEL, ANTOINE J.
KAMGAR, FARBOD

Docket No.: PHA 23561
Patent No.:
OS Codes : CM 2361
Title : AUTOMATIC FREQUENCY CONTROL LOOP MULTIPATH RAKE RECEIVER.

Attorney: HALAJIAN
Serial No.: 09/216264

MOHINDRA, RISHI

Docket No.: PHA 23588
Patent No.:
OS Codes : CM 2361
Title : COMPENSATION FOR PHASE ERRORS CAUSED BY CLOCK CDMA COMMUNICATION SYSTEM.

Attorney: WIEGHAUS
Serial No.: 09/216260

HUGHES, JOHN B.

Docket No.: PHB 32676
Patent No.: 4354274
OS Codes : BN 0500
Title : DIGITAL SIGNAL TRANSMISSION SYSTEM.

Attorney: BIREN
Serial No.: ___/194508

VRY, MICHAEL G.
HALE, JOHN M.

Docket No.: PHB 32830
Patent No.:
OS Codes : BN 0500
Title : DERIVING A CLOCK SIGNAL FROM A RECEIVED DIGITAL

Attorney: RICH
Serial No.: ___/436533

SHARPE, ROBIN

Docket No.: PHB 32955
Patent No.: 4560963
OS Codes : CM 2361
Title : ANALOG RC ACTIVE FILTER.

Attorney: BIREN
Serial No.: ___/579830

BECKLEY, JOHN C.
BRENNAND, PETER R.
MURRAY, BRUCE

Docket No.: PHB 32963
Patent No.: 4665427
OS Codes : BN 0500
Title : METHOD AND APPARATUS FOR CONVERTING C-MAC
FOR TRANSMISSION OVER A LIMITED BANDWIDTH MEDIUM.

Attorney: MARION
Serial No.: ___/585705

ANDREW, DEREK
JAMES, MICHAEL D.

Docket No.: PHB 33170
Patent No.: 4723237
OS Codes : BN 0500
Title : SIGNAL TRANSMISSION ARRANGEMENT, A TRANSMITTER
FOR SUCH AN ARRANGEMENT AND A COMMUNICATION

Attorney: MARION
Serial No.: ___/860381

DADDS, ALAN F.

Docket No.: PHB 33415
Patent No.: 4914380
OS Codes : BN 0500
Title : SIGNAL RECEIVING ARRANGEMENT.

Attorney: LOBATO
Serial No.: ___/281575

STOVE, ANDREW G.

Docket No.: PHB 33670
Patent No.: 5124707
OS Codes : CM 2361
Title : ANALOGUE-TO-DIGITAL CONVERTER.

Attorney: KRAUS
Serial No.: ___/740277

HUGHES, JOHN B.

Docket No.: PHB 33751
Patent No.: 5369406
OS Codes : CM 2361
Title : MULTIPLYING DIGITAL-TO-ANALOGUE CONVERTER.

Attorney: FRANZBLAU
Serial No.: 07/966205

MOORE, PAUL A.

Docket No.: PHB 33972
Patent No.:
OS Codes : CM 1132 CM 2361
Title : IMPROVEMENTS IN OR RELATING TO COMMUNICATIONS

Attorney: SLOBOD
Serial No.: 08/593954

MOORE, PAUL A.

Docket No.: PHB 33972A
Patent No.:
OS Codes : CM 1132 CM 2361
Title : IMPROVEMENTS IN OR RELATING TO COMMUNICATIONS

Attorney: SLOBOD
Serial No.: 08/593954

SAUNDERS, SIMON R.
RAZZELL, CHARLES J.

Docket No.: PHB 33997
Patent No.: 5892803
OS Codes : CM 2361 CM 1551
Title : METHOD OF, AND APPARATUS FOR, SYMBOL TIMING

Attorney: HALAJIAN
Serial No.: 08/692147

RAZZELL, CHARLES J.

Docket No.: PHB 34028
Patent No.: 5805017
OS Codes : CM 2361 CM 2402
Title : RECEIVER FOR M-ARY FSK SIGNALS.

Attorney: HALAJIAN
Serial No.: 08/769905

KOCH, WOLFGANG

Docket No.: PHD 89059
Patent No.: 5119400
OS Codes : CM 2261 CM 2361
Title : SUMMARY OF THE INVENTION.

Attorney: TREACY
Serial No.: ___/508031

HEINLEIN, WERNER

Docket No.: PHD 90010
Patent No.: 5121088
OS Codes : BN 0500
Title : FREQUENCY RESPONSE EQUALIZER.

Attorney: GOODMAN
Serial No.: ___/644070

BAIER, ALFRED

Docket No.: PHD 90216
Patent No.: 5307374
OS Codes : CM 2261 CM 2361
Title : RECEIVER FOR A DIGITAL TRANSMISSION SYSTEM.

Attorney: TREACY
Serial No.: 07/797871

MEYER, PETER
RUHL, HANS-WILHELM

Docket No.: PHD 91060
Patent No.:
OS Codes : SP 0100 CM 2361
Title : CIRCUIT ARRANGEMENT FOR SPEECH RECOGNITION.

Attorney: TIERNEY
Serial No.: 07/865399

MEYER, PETER
RUHL, HANS-WILHELM

Docket No.: PHD 91060A
Patent No.:
OS Codes : SP 0100 CM 2361
Title : CIRCUIT ARRANGEMENT FOR SPEECH RECOGNITION.

Attorney: TIERNEY
Serial No.: 08/090564

MEYER, PETER
RUHL, HANS-WILHELM

Docket No.: PHD 91060B
Patent No.:
OS Codes : SP 0100 CM 2361
Title : CIRCUIT ARRANGEMENT FOR SPEECH RECOGNITION.

Attorney: TIERNEY
Serial No.: 08/318033

MEYER, PETER
RUHL, HANS-WILHELM

Docket No.: PHD 91060C
Patent No.:
OS Codes : SP 0100 CM 2361
Title : CIRCUIT ARRANGEMENT FOR SPEECH RECOGNITION.

Attorney: TIERNEY
Serial No.: 08/863391

MEYER, PETER
RUHL, HANS-WILHELM

Docket No.: PHD 91060D
Patent No.: 5878392
OS Codes : SP 0100 CM 2361
Title : CIRCUIT ARRANGEMENT FOR SPEECH RECOGNITION.

Attorney: TIERNEY
Serial No.: 08/863391

KELLERMANN, WALTER

Docket No.: PHD 93131
Patent No.: 5602962
OS Codes : CM 2361
Title : MOBILE RADIO SET COMPRISING A SPEECH PROCESSING

Attorney: SCHAIER
Serial No.: 08/302139

MARTIN, RAINER

Docket No.: PHD 94082
Patent No.: 5647006
OS Codes : CM 2361 CM 1511
Title : MOBILE RADIO TERMINAL.

Attorney: SCHAIER
Serial No.: 08/493401

BAUER, HARALD
LORENZ, DIETMAR
MEYER, PETER
WOUDSMA, ROBERTO

Docket No.: PHD 96091
Patent No.:
OS Codes : CM 2361 CM 2261
Title : SIGNAL PROCESSOR.

Attorney: HALAJIAN
Serial No.: 09/011673

BAUER, HARALD
KEMPF, PETER
LORENZ, DIETMAR
MEYER, PETER

Docket No.: PHD 96107
Patent No.:
OS Codes : CM 2361 CM 2261
Title : SIGNAL PROCESSOR.

Attorney: HALAJIAN
Serial No.: 08/895407

HAJJ CHEHADE, MOHAMMED
LECAT, JEAN
TARTOIS, CLAUDE

Docket No.: PHF 81573
Patent No.: 4535296
OS Codes : BN 0500
Title : FM-DEMODULATOR.

Attorney: MARION
Serial No.: ___/397254

TSIRONIS, CHRISTOS

Docket No.: PHF 82514
Patent No.:
OS Codes : BN 0500
Title : USE OF A FIELD EFFECT TRANSISTOR HAVING A DUAL INTERMEDIATE OHMIC ISLAND FOR THE REJECTION OF

Attorney: KRAUS
Serial No.: ___/469593

TSIRONIS, CHRISTOS

Docket No.: PHF 82514A
Patent No.: 4841169
OS Codes : BN 0500
Title : DUAL-GATE FET AMPLIFIER-MIXER WITH INTERMEDIATE FOR REJECTING A FREQUENCY BAND.

Attorney: KRAUS
Serial No.: ___/833571

TSIRONIS, CHRISTOS

Docket No.: PHF 83542
Patent No.: 4599581
OS Codes : BN 0500
Title : TEMPERATURE STABILIZING MICROWAVE OSCILLATOR

Attorney: EASON
Serial No.: ___/614186

HORVAT, PHILIPPE

Docket No.: PHF 84505
Patent No.: 4600890
OS Codes : BN 0500
Title : DEMODULATOR COMPRISING A PHASE-LOCKED LOOP.

Attorney: MARION
Serial No.: ___/693916

HAJJ-CHEHADE, MOHAMMED

Docket No.: PHF 84532
Patent No.: 4605904
OS Codes : BN 0500
Title : PHASE LOCKED LOOP FREQUENCY DEMODULATOR HAVING AN
BANDWIDTH.

Attorney: RICH
Serial No.: ___/731815

CAPRARESE, VINCENT
CHRETIEN, THIERRY
DAUVILLIER, RICHARD

Docket No.: PHF 85526
Patent No.: 4908860
OS Codes : BN 0500 TV 3000
Title : SYSTEM FOR THE SECRET TRANSMISSION OF AUDIO
TELEVISION RECEIVER FOR RECEIVING SUCH SIGNALS.

Attorney: MARION
Serial No.: ___/853296

DESPERBEN, LYDIE
SARI, HIKMET
MORIDI, SAID

Docket No.: PHF 85532
Patent No.: 4687999
OS Codes : BN 0500
Title : CIRCUIT FOR RECOVERING THE CARRIER WAVE IN
TRANSMISSION SYSTEMS.

Attorney: BARSCHALL
Serial No.: ___/855527

RAMMOS, EMMANUEL
BIZERY, BERNARD M.

Docket No.: PHF 85548
Patent No.: 4743915
OS Codes : BN 0500
Title : FOUR-HORN RADIATING MODULES WITH INTEGRAL POWER
SUPPLY NETWORK.

Attorney: KRAUS
Serial No.: ___/870275

LE QUEAU, MARCEL

Docket No.: PHF 85552
Patent No.:
OS Codes : BN 0500
Title : DIGITAL QUADRATURE FILTER AND FREQUENCY-MODULATED
NAL DEMODULATOR COMPRISING SUCH A FILTER.

Attorney: BIREN
Serial No.: ___/876323

LE QUEAU, MARCEL

Docket No.: PHF 85552A
Patent No.: 4799025
OS Codes : BN 0500
Title : DIGITAL FM DEMODULATOR USING DIGITAL QUADRATURE

Attorney: BIREN
Serial No.: ___/102812

DAUTRICHE, PIERRE B.

Docket No.: PHF 85584
Patent No.: 4727597
OS Codes : BN 0500
Title : MIXER ARRANGEMENT.

Attorney: MARION
Serial No.: ___/927781

HORVAT, PHILIPPE

Docket No.: PHF 86523
Patent No.: 4856085
OS Codes : BN 0500
Title : FM RECEIVER WITH IMPROVED ADJACENT-CHANNEL

Attorney: TREACY
Serial No.: ___/028936

SALEMBIER, PHILIPPE
LAMNABHI, MOUSTANIR

Docket No.: PHF 87561
Patent No.: 4879729
OS Codes : BN 0500
Title : APPARATUS FOR THE DECODING CODED FREQUENCY

Attorney: LOBATO
Serial No.: ___/223459

SARI, HIKMET

Docket No.: PHF 87573
Patent No.:
OS Codes : BN 0500 BB 1573
Title : CIRCUIT FOR RECOVERING THE CARRIER IN DIGITAL SYSTEMS.

Attorney: BARSCHALL
Serial No.: ___/249614

SARI, HIKMET

Docket No.: PHF 87573A
Patent No.: 4958360
OS Codes : BN 0500 BB 1573
Title : CIRCUIT FOR RECOVERING THE CARRIER IN DIGITAL SYSTEMS.

Attorney: BARSCHALL
Serial No.: ___/420681

MILLET, GUY

Docket No.: PHF 89523
Patent No.: 5168502
OS Codes : CM 2361
Title : METHOD OF INFORMATION TRANSMISSION IN A NETWORK TRANSMISSION OVER A RADIO CHANNEL AND SYSTEM FOR

Attorney: TREACY
Serial No.: ___/496551

PODVIN, DOMINQUE

Docket No.: PHF 89591
Patent No.: 5142697
OS Codes : BN 0500
Title : BALANCED HIGH-FREQUENCY MIXER HAVING A BALUN

Attorney: GOODMAN
Serial No.: ___/576323

GRIS, JOEL

Docket No.: PHF 89619
Patent No.: 5126702
OS Codes : BN 0500
Title : CURRENT SUPPLY MEANS FOR WIDEBAND DISTRIBUTION.

Attorney: GOODMAN
Serial No.: ___/622920

PHILIPPE, PASCAL

Docket No.: PHF 91585
Patent No.: 5389891
OS Codes : CM 2361
Title : SEMICONDUCTOR DEVICE COMPRISING A TWO-STAGE AMPLIFIER.

Attorney: FRANZBLAU
Serial No.: 07/995452

PHILIPPE, PASCAL

Docket No.: PHF 91586
Patent No.: 5323123
OS Codes : CM 2361
Title : INTEGRATED CIRCUIT COMPRISING A VARIABLE-GAIN

Attorney: BIREN
Serial No.: 07/995099

MORIDI, SAID;
MARTINEZ, GEORGES;

Docket No.: PHF 93555
Patent No.: 5619540
OS Codes : BN 0500
Title : TRANSMISSION SYSTEM USING BLOCK-CODED OR
MODULATIONS, RECEIVER AND DECODER FOR SUCH A

Attorney: EASON
Serial No.: 08/283456

BOTTO, JEAN-LUC
LEPITRE, DIDIER

Docket No.: PHF 93558
Patent No.:
OS Codes : BN 0500 BB 1543
Title : TRANSMISSION SYSTEM AND MODEM UTILIZING CODED

Attorney: BARSCHALL
Serial No.: 08/304107

BOTTO, JEAN-LUC
LEPITRE, DIDIER

Docket No.: PHF 93558A
Patent No.: 5604772
OS Codes : BN 0500 BB 1543
Title : TRANSMISSION SYSTEM AND MODEM UTILIZING CODED

Attorney: BARSCHALL
Serial No.: 08/614294

MARTINEZ, GEORGES
GUILLAUD, JEAN-MICHEL

Docket No.: PHF 94546
Patent No.: 5644606
OS Codes : BN 0500
Title : DIGITAL TRANSMISSION SYSTEM WITH TWO

Attorney: BIREN
Serial No.: 08/518872

GUILLAUD, JEAN-MICHEL
MARTINEZ, GEORGES

Docket No.: PHF 94552
Patent No.: 5594760
OS Codes : BN 0500 BN 0400
Title : AUTOMATIC GAIN CONTROL CIRCUIT AND APPARATUS
A CIRCUIT.

Attorney: MCDERMOTT
Serial No.: 08/525990

DAFFARA, FLAVIO
ADAMI, OTTAVIO

Docket No.: PHF 94563
Patent No.: 5687165
OS Codes : BN 0500
Title : TRANSMISSION SYSTEM AND RECEIVER FOR ORTHOGONAL
DIVISION MULTIPLEXING SIGNALS, COMPRISING A

Attorney: BIREN
Serial No.: 08/548245

BRAJAL, AMERICO
CHOULY, ANTOINE

Docket No.: PHF 95514
Patent No.: 5796814
OS Codes : BN 0500
Title : DIGITAL TRANSMISSION SYSTEM COMPRISING A RECEIVER
CASCADED EQUALIZERS.

Attorney: KRAUS
Serial No.: 08/618933

MORIDI, SAID

Docket No.: PHF 95534
Patent No.: 5862191
OS Codes : BN 0500
Title : DIGITAL COMMUNICATIONS SYSTEM COMPRISING A
INCLUDES A TIMING RECOVERY DEVICE.

Attorney: EASON
Serial No.: 08/662711

MORIDI, SAID

Docket No.: PHF 95534A Attorney: EASON
Patent No.: Serial No.: 09/132400
OS Codes : BN 0500
Title : DIGITAL COMMUNICATIONS SYSTEM COMPRISING A
INCLUDES A TIMING RECOVERY DEVICE.

CHOULY, ANTOINE
BRAJAL, AMERICO
GIANELLA, DAVID

Docket No.: PHF 96562 Attorney: EASON
Patent No.: Serial No.: 09/011565
OS Codes : BN 0500 BN 0400
Title : PUNCTURED CONVOLUTIONAL CODING DIGITAL

CHOULY, ANTOINE
GIANELLA, DAVID

Docket No.: PHF 96623 Attorney: EASON
Patent No.: Serial No.: 08/987695
OS Codes : BN 0500 BN 0400
Title : DIGITAL TRANSMISSION SYSTEM AND METHOD COMPRISING
CODE COMBINED WITH A MULTIDIMENSIONAL MODULATION.

CHOULY, ANTOINE
BRAJAL, AMERICO
GIANELLA, DAVID

Docket No.: PHF 96624 Attorney: EASON
Patent No.: Serial No.: 08/987694
OS Codes : BN 0500 BN 0400
Title : DIGITAL TRANSMISSION SYSTEM AND METHOD COMPRISING
PRODUCT CODE COMBINED WITH A QUADRATURE AMPLITUDE

CHOULY, ANTOINE
BRAJAL, AMERICO

Docket No.: PHF 97614 Attorney: EASON
Patent No.: Serial No.: 09/193621
OS Codes : BN 0500
Title : DIGITAL TRANSMISSION SYSTEM, DECODER AND DECODING

ROULLET, PIERRE

Docket No.: PHF 97627 Attorney: HALAJIAN
Patent No.: Serial No.: 09/207531
OS Codes : CM 2361
Title : TRANSMISSION SYSTEM COMPRISING AT LEAST A
AND A CONNECTION STATION, A STATION INCLUDING A

GROENEEWEGEN, W.

Docket No.: PHN 10219 Attorney: MARION
Patent No.: 4532543 Serial No.: ___/448563
OS Codes : BN 0500
Title : COMMUNITY ANTENNA ARRANGEMENT.

VRIS, LODEWIJK B.

Docket No.: PHN 10262 Attorney: MEETIN
Patent No.: 4541095 Serial No.: ___/465742
OS Codes : BN 0500
Title : SYSTEM FOR COMMUNICATION BY WAY OF REPEATEDLY
MESSAGES, AND STATIONS FOR USE IN SUCH A SYSTEM.

ALMERING, PETRUS C.
ZWAGA, BOCKE

Docket No.: PHN 10843
Patent No.:
OS Codes : BN 0500
Title : ARRANGEMENT FOR RESTORING THE L.F. CONTENT OF A SIGNAL.

Attorney: EASON
Serial No.: __/670248

ALMERING, PETRUS C.
ZWAGA, BOCKE

Docket No.: PHN 10843A
Patent No.: 4709158
OS Codes : BN 0500
Title : ARRANGEMENT FOR RESTORING THE L.F. CONTENT OF A SIGNAL.

Attorney: EASON
Serial No.: __/040699

CLAASEN, THEODOOR A.C.M
BEENKER, GERARDUS F.MVA
MEIJER, JOHANNES M.

Docket No.: PHN 10960
Patent No.: 4672633
OS Codes : BN 0500
Title : DATA TRANSMISSION SYSTEM.

Attorney: BARSCHALL
Serial No.: __/705779

CLAASEN, THEODOOR A.C.M
BEENKER, GERARDUS F.MVA
MEIJER, JOHANNES M.

Docket No.: PHN 10961
Patent No.: 4660216
OS Codes : BN 0500
Title : TRANSMISSION SYSTEM FOR THE TRANSMISSION OF DATA IN A MODULATION BAND.

Attorney: BARSCHALL
Serial No.: __/707701

BUIJS, JOHANNES H.

Docket No.: PHN 11043
Patent No.: 4642590
OS Codes : BN 0500
Title : FREQUENCY MULTIPLIER HAVING OPEN AND SHORT RESONATING A MULTIPLIED OUTPUT FREQUENCY.

Attorney: EASON
Serial No.: __/733273

THOMMEN, WERNER F.

Docket No.: PHN 11395
Patent No.: 4672239
OS Codes : 12 04AA CM 2361
Title : SAMPLE-AND-HOLD CIRCUIT ARRANGEMENT.

Attorney: FRANZBLAU
Serial No.: __/861161

THOMMEN, WERNER F.

Docket No.: PHN 11395A
Patent No.: 4764689
OS Codes : 12 04AA CM 2361
Title : SAMPLE-AND-HOLD CIRCUIT ARRANGEMENT.

Attorney: FRANZBLAU
Serial No.: __/053770

BERGMANS, JOHANNES W.
CLAASEN, THEODOOR A.
VAN GERWEN, PETRUS J.

Docket No.: PHN 11618
Patent No.: 4835765
OS Codes : BN 0500
Title : ARRANGEMENT FOR FULL-DUPLEX DATA TRANSMISSION CIRCUITS.

Attorney: LOBATO
Serial No.: __/002080

VELDHUIS, RAYMOND N.

Docket No.: PHN 11716
Patent No.:
OS Codes : CM 1243 CM 2361
Title : METHOD OF AND ARRANGEMENT FOR RESTORING INVALID
EQUIDISTANTLY SAMPLED SIGNAL

Attorney: EASON
Serial No.: 06/898460

VELDHUIS, RAYMOND N.

Docket No.: PHN 11716A
Patent No.: 5224061
OS Codes : CM 1243 CM 2361
Title : METHOD OF AND ARRANGEMENT FOR RESTORING INVALID
EQUIDISTANTLY SAMPLED SIGNAL

Attorney: EASON
Serial No.: 07/531697

VELDHUIS, RAYMOND N.

Docket No.: PHN 11717
Patent No.: 4839843
OS Codes : CM 1243 CM 2361
Title : METHOD AND ARRANGEMENT FOR CORRECTING A SEQUENCE
SAMPLES OF AN EQUIDISTANTLY SAMPLED SIGNAL.

Attorney: TREACY
Serial No.: __/898464

BERGMANS, JOHANNES W.
CLAASEN, THEODOOR A.
VAN GERWEN, PETRUS J.

Docket No.: PHN 12010
Patent No.: 4856026
OS Codes : BN 0500
Title : DATA TRANSMISSION SYSTEM COMPRISING SMEARING

Attorney: BARSCHALL
Serial No.: __/143914

JANSSEN, GERARDUS J.
VERLIJSDONK, ANTONIUS P

Docket No.: PHN 12144
Patent No.: 4894845
OS Codes : BN 0500
Title : RECEIVER FOR A PHASE-SHIFT KEYED CARRIER SIGNAL.

Attorney: MARION
Serial No.: __/201512

BERGMANS, JOHANNES W.
WONG, HO W.

Docket No.: PHN 13673
Patent No.: 5291523
OS Codes : BN 0500 CM 1553
Title : VITERBI RECEIVER WITH IMPROVED TIMING MEANS.

Attorney: GOODMAN
Serial No.: 07/869409

DIJKMANS, EISE C.

Docket No.: PHN 14356
Patent No.: 5418493
OS Codes : 12 04AA CM 2361
Title : DIFFERENTIAL AMPLIFIER WITH COMMON-MODE

Attorney: GATHMAN
Serial No.: 08/185637

DE BOT, PAULUS G.

Docket No.: PHN 14675
Patent No.: 5581578
OS Codes : BN 0500
Title : A DIGITAL COMMUNICATION SYSTEM AND A RECEIVER FOR
SUCH A SYSTEM.

Attorney: BARSCHALL
Serial No.: 08/350201

BAGGEN, CONSTANT P.

Docket No.: PHN 15189

Patent No.: 5799033

OS Codes : BN 0500

Title : METHOD OF ERROR PROTECTED TRANSMISSION, METHOD OF PROTECTED RECEPTION OF DATA AND TRANSMISSION

Attorney: BELK

Serial No.: 08/595093

HOLLMANN, HENDRIK D.

BAGGEN, CONSTANT P.

Docket No.: PHN 15256

Patent No.: 5737252

OS Codes : BN 0500

Title : CIRCUIT ARRANGEMENT COMPRISING A PERMUTATION UNIT OF PROCESSING A BATCH OF ITEMS.

Attorney: GATHMAN

Serial No.: 08/595089

DE BART, ABRAHAM J.

STEENHOF, FRITS A.

Docket No.: PHN 15995

Patent No.:

OS Codes : BN 0500

Title : TRANSMISSION SYSTEM WITH IMPROVED LOCK DETECTION.

Attorney: KRAUS

Serial No.: 08/927886

VAN DEN HOMBERG, J.

PHILIPS, KATHLEEN J.

Docket No.: PHN 16493

Patent No.:

OS Codes : AE 3000 CM 2361

Title : DEVICE FOR AMPLIFYING DIGITAL SIGNALS.

Attorney: GOODMAN

Serial No.: 09/129498

RAPELI, JUHA

Docket No.: PHN 16590

Patent No.:

OS Codes : CM 2361

Title : IMPROVED AUDIO REPRODUCTION ARRANGEMENT AND TERMINAL.

Attorney: HALAJIAN

Serial No.: 09/179167

FABLET, ERIC

Docket No.: PHN 16703

Patent No.:

OS Codes : CM 2361

Title : A METHOD FOR OPERATING A PROXIMITY PRESENTATION DEVICE THAT CONVERTS VARIOUS

Attorney: MAK

Serial No.: 09/218552

SELBACK, BERND

VARY, PETER

Docket No.: PHT 82342

Patent No.: 4700394

OS Codes : CM 2361

Title : METHOD OF RECOGNIZING SPEECH PAUSES.

Attorney: EASON

Serial No.: ___/552998

SELBACK, BERND

VARY, PETER

Docket No.: PHT 82343

Patent No.: 4682361

OS Codes : CM 2361

Title : METHOD OF RECOGNIZING SPEECH PAUSES.

Attorney: BARSCHALL

Serial No.: ___/552994